

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	0	3 and 6	US-PGPUB; USPAT	OR	ON	2006/09/07 11:04
L6	0	((carrier adj frequency) and data and block and set and level and correlation and value and pair and weighting and summing and repeating).clm.	US-PGPUB; USPAT	OR	ON	2006/09/07 11:04
L5	6	3 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 11:02
S10 8	323	(frequency near error) with (tap weight coefficient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 10:45
L4	355	(frequency near error) with (tap weight coefficient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 10:45
L3	2724	1 2	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 10:45
L2	784	342/109,378.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 10:45
L1	1963	375/142,150,343,152,137.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 10:43
S11 8	19	(tap or weight or coefficient) with S117	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 18:07
S11 7	155	correlat\$4 near equali\$8	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 18:07

## EAST Search History

S11 6	29	frequency and S115 and S114	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 18:07
S11 4	511	(tap or weight or coefficient) same S113	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 18:07
S11 5	1659	375/150,142,343.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 18:02
S11 3	2263	equali\$8 with correlat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 18:01
S11 2	0	equali\$8 and S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 18:01
S11 1	2	correlat\$4 and S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 18:00
S11 0	2	("6628969").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 18:00
S10 9	20	S100 and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 18:00
S10 6	132	(carrier adj frequency) and S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 17:06
S10 7	1	"5771224".PN.	USPAT; USOCR	OR	ON	2006/03/16 17:05

## EAST Search History

S10 5	304	((subtract\$4 difference) same frequency) and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:56
S10 4	488	(subtract\$4 difference) and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:56
S10 3	613	S93 and S102	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:55
S10 2	648	S100 and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:55
S10 1	89931	( frequency) with (tap weight coefficient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:55
S10 0	4310	375/229-236,343,142,150.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:55
S87	8	((reference and carrier) adj frequency) with (tap weight coefficient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:55
S99	112	S93 and S98	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:54
S98	120	((correlat\$4 and (frequency near difference)) same (weight tap coefficient))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:51

## EAST Search History

S97	19	((correlat\$4 with (frequency near difference)) same (weight tap coefficient))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:50
S96	33	((correlat\$4 with (frequency near (offset off-set (off adj set)))) same (weight tap coefficient))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:50
S95	529	correlat\$4 with (frequency near (offset off-set (off adj set)))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:46
S94	81	S92 and S93	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:45
S93	20768095	@ad < "20010621"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:33
S56	20768095	@ad < "20010621"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:33
S92	150	(( frequency) with (tap weight coefficient) with difference) same correlat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:32
S91	3366	( frequency) with (tap weight coefficient) with difference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:32
S90	89931	( frequency) with (tap weight coefficient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:32
S89	30	((reference and carrier) adj frequency) with correlat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:28

## EAST Search History

S88	1	motorola.as. and paul.in. and mismatch.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:25
S86	8	((reference and carrier) adj frequency) with (tap weight coefficient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:25
S85	0	correlat\$4 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:21
S83	6	((("6810072") or ("5272446") or ("4578678")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:20
S82	30	correlat\$4 same S74	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:58
S77	277	(correlat\$4 equal\$8) and S76	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:44
S81	1	"4890298".PN.	USPAT; USOCR	OR	ON	2006/03/16 15:41
S80	10	S79 and S77	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:32
S79	578	708/323,422.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:32
S78	378	708/323.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:31
S76	540	S74 and S56	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:20

## EAST Search History

S75	6	S73 and S74	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:19
S74	663	(weight tap coefficient) with (frequency with (offset off-set (off adj set)))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:18
S54	7786	(weight tap coefficient) same ((frequency) with (select\$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:17
S73	173	S72 and S56	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:16
S72	222	S70 and S71	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:16
S71	255098	(weight tap coefficient) same (add adder summer sum summing adding)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:13
S70	285	S69 and (add adder summer sum summing adding)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:13
S69	358	S67 and S68	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:13
S68	104635	(weight tap coefficient) same (frequency)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:12
S67	1676	adaptive adj array	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:11
S66	263	S56 and S65	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:11
S65	295	S64 and correlat\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:02

## EAST Search History

S64	1404	(weight tap coefficient) same S63	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:01
S63	28035	(frequency near offset off-set)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:01
S62	96	S60 and S61	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:01
S61	102	(weight tap coefficient) and S59	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 14:54
S60	265	S56 and S59	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 14:54
S59	299	equali\$7 same ((select\$4) adj frequency)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 14:54
S58	0	equali\$7 same ((target and select\$4) adj frequency)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 14:54
S57	212	S55 and S56	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 14:53
S55	253	(weight tap coefficient) same ((frequency) with (select\$4)) same correlat\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 14:49
S53	17	(weight tap coefficient) and S52	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 14:48
S52	17	S50 and S51	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 14:34
S51	3801	(summing summer adder adding add combin\$4) same (weight coefficient tap) same correlat\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 14:34

## EAST Search History

S50	548	(select\$4 near frequency) with correlat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 14:34
S30	16	S27 and S29	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 14:34
S49	1	S48 and (weight tap coefficient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 14:27
S48	2	("5566202").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:26
S47	27	S45 and S46	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 16:48
S46	362	(tap or weight or coefficient) same (sum summing summer add adding adder combin\$4) same (select\$4 with correlat\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 16:48
S45	233	S44 and (frequency and block and (tap or weight or coefficient)) same correlat\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 16:48
S44	3155	S42 S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 16:48
S43	2336	375/142,150,343,152,137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 16:48



## EAST Search History

S42	857	342/189,378.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 16:48
S34	362	(tap or weight or coefficient) same (sum summing summer add adding adder combin\$4) same (select\$4 with correlat\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 16:48
S6	175	S4 and (frequency and block and (tap or weight or coefficient)) same correlat\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 16:48
S40	1	trial and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 16:42
S39	1	mid\$5 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 15:47
S38	0	centre and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 15:46
S37	0	center and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 15:46
S36	2	("6735243").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/13 15:46
S35	26	(tap or weight or coefficient) same (sum summing summer add adding adder combin\$4) same (select\$4 near correlat\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 15:46

## EAST Search History

S33	4611	(tap or weight or coefficient) same (sum summing summer add adding adder combin\$4) same correlat\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:27
S5	8	S4 and (set with (frequency and block and (tap or weight or coefficient)))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:26
S32	17	("5225842"   "5327144"   "5663734"   "5781156"   "5874914"   "5890068"   "5920278"   "5959944"   "5999124"   "6061018"   "6131067"   "6133874"   "6134228"   "6150980"   "6185427"   "6208290"   "6215442").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/13 11:04
S31	5	("5910948"   "6137433"   "6151353"   "6567462"   "6580749").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/13 10:55
S29	3654	(summing summer adder adding add combin\$4) same (weight coefficient tap) same correlat\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 18:25
S28	37	gps and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 18:24
S22	3654	(summing summer adder adding add combin\$4) same (weight coefficient tap) same correlat\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 18:24
S27	517	(select\$4 near frequency) with correlat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 18:18
S26	93	S25 and S22	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 17:33
S25	1850	correlat\$4 with frequency with (select\$4 multiplex\$4 mux choos\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 17:33
S24	1815	correlat\$4 with frequency with (select\$4 multiplex\$4 mux)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 17:33

## EAST Search History

S23	108	S18 and S19 and S22	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 17:33
S21	326210	(summing summer adder adding add combin\$4) same (weight coefficient tap)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 17:28
S20	2841321	summing summer adder adding add combin\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 17:27
S19	1920	(select\$4 mux multiplex\$4) with (frequency ("i" and "q")) with correlat\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 17:27
S18	5136	(frequency and (tap or weight or coefficient)) same correlat\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 17:26
S17	1	S16 and (target with frequency)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/28 17:03
S8	1	S7 and (target with frequency)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/28 17:03
S16	100	S15 and set	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/28 17:02
S15	109	S14 and ((signal or frequency) same estimat\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/28 17:02
S14	175	S12 and S13	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/28 17:02
S13	1441	375/150,142,343.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/28 17:01
S12	175	S11 and (frequency and block and (tap or weight or coefficient)) same correlat\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/28 17:01

## EAST Search History

S11	1441	375/150,142,343.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/28 17:01
S10	3	S7 and (estimated\$4 with (carrier near frequency))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/28 14:44
S9	77	S7 and (carrier near frequency)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/28 14:44
S7	175	S4 and ((frequency and block and (tap or weight or coefficient)) same correlat\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/28 14:41
S4	1441	375/150,142,343.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/28 14:33
S3	693	375/343.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/28 14:33
S1	13	((sahai near anant) or (tsitsiklis near john)).in.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/28 14:19
S2	11	((("4701934") or ("5663734") or ("5781156") or ("5841396") or ("5884214") or ("6327473"))).PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/17 17:27